



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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## INSPECTION REPORT

Partial: XXX Complete:        Exploration:         
Inspection Date & Time: 10/11/2001 / 8:30-9:30 AM  
Date of Last Inspection: 09/18/2001

OK  
PCL  
by  
JD

Mine Name: Horizon Mine County: Carbon Permit Number: C/007/020  
Permittee and/or Operator's Name: Lodestar Energy, Inc.  
Business Address: HC 35 Box 370, Helper, Utah 84526  
Type of Mining Activity: Underground XXX Surface        Prep. Plant        Other         
Company Official(s): Mr. Kit Pappas, Engineering Dept.  
State Official(s): Peter Hess Federal Official(s): None  
Weather Conditions: Cold; overcast/ snow forecast.  
Existing Acreage: Permitted 711 Disturbed 9 Regraded        Seeded         
Status: Active XXX

### REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

- Substantiate the elements on this inspection by checking the appropriate performance standard.
  - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
  - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 <sup>th</sup> Quarter- April, May, June)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: C/007/020

DATE OF INSPECTION: 10/11/2001

( COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE )

Note: The permittee has removed the remainder of the high ash coal pile which had been stored in the vicinity of the ROM stacking tube. The tube has been cleaned of this same type material to ready it for operation.

### 1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The permittee has recertified the SPCC plan through Mr. Dave Miller, Business Manager for the Lodestar Energy Inc./Mountain Operations and Utah registered professional engineer. The update includes the addition of phone numbers for the Company's responsible officials; a copy of the plan has also been filed at the Horizon site for use by surface personnel.

### 2. SIGNS AND MARKERS

As indicated in the September inspection report, the permittee is aware that there are several disturbed area perimeter signs missing. According to Mr. Pappas, the vendor supplying the signs never placed the order and thus the signs have not been received to date. A new order has been placed and the permittee expects to receive the new signs within 24 hours of today's inspection.

### 3. TOPSOIL

Mr. Pappas indicated this day that the permittee is preparing to re-seed the bare areas of the topsoil storage areas mentioned in the September inspection report. The permittee has seed available for this work.

### 4A. HYDROLOGIC BALANCE: DIVERSIONS

The permittee has removed the rock and gravel from ditches DD-1F and DD-1G.

The permittee has redefined ditch DD-4A. An error was made in the September inspection report in that it was stated that this ditch flowed directly to Jewkes Creek. This ditch flows to an inlet culvert which reports to the sediment pond. It is still recommended that when it is necessary to wash out concrete trucks or remove mix from tools that the effluent be discharged directly to a sediment pond.

### 4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The sediment pond contained water with a thin layer of ice. The ice level was well below the primary discharge.

### 4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

The permittee has installed new straw bales on the SW end of the topsoil storage pile located in upper Portal Canyon.

## INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: C/007/020

DATE OF INSPECTION: 10/11/2001

The permittee has constructed a ditch/berm combination on the NE side of ASCA #1 between the soil storage and the stream buffer zone along Jewkes Creek. The berm will get seeded during the fall window.

#### 4D. HYDROLOGIC BALANCE: WATER MONITORING

To date, the permittee has not initiated the water monitoring requirements for the fourth quarter of 2001.


#### 9. PROTECTION OF FISH, WILDLIFE, AND RELATED ENVIRONMENTAL VALUES

The permittee has placed native rock material in the erosion rills observed on the fifty feet of old mine road located directly south of the Main substation. Hopefully, this will slow the water velocity down, and allow silt to lock the native material into place.

#### 21. BONDING AND INSURANCE

The permittee forwarded new general liability insurance information to the UDNR/OGM on September 27, 2001. The new Acord form indicates coverage to be in effect from August 31, 2001 until August 31, 2002. Coverage for the use of explosives is provided. Minimum coverage amounts per occurrence and for the general aggregate as required under R645-301-890.100 are adequately addressed.

Inspector's Signature: \_\_\_\_\_

  
Peter Hess #46

Date: October 12, 2001

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

cc: James Fulton, OSM  
David Miller, Lodestar  
Price Field office

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